

What is claimed is:

Sub
a2

1. ~~A quad type liquid crystal display device, comprising:~~
a liquid crystal panel having gate and data lines which define sub-pixel regions;
gate driving integrated circuits for driving the gate lines; and
a plurality of data drive integrated circuits arranged on one side of the liquid
crystal panel, each of the data drive integrated circuit having "m" (m is natural number)
number of channels,
wherein (3n-1)th (n is natural number) channels for each data drive integrated
circuit are floating.

Sub
a3

2. The device of claim 1, wherein each of two by two sub pixels corresponds to
red, a first green, a second green, and blue color filters, respectively.
3. The device of claim 1, wherein m is 384.
4. The device of claim 1, wherein the number of data integrated circuits is four.

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5. ~~A liquid crystal display panel;~~
a plurality of drive integrated circuits for driving the panel, each having "m"
(natural number) number of channels and "n" (n < m, natural number) number of floating
channels;
a plurality of films for connecting the drive integrated circuits, each film
having (m-n) number of lines.

Add
a4